

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

Claim 1 (Canceled)

Claim 2 (Canceled)

Claim 3 (Canceled)

Claim 4 (Canceled)

Claim 5 (Canceled)

Claim 6 (Canceled)

Claim 7 (Previously Presented): A network system, comprising:
a server coupled to a network;
a bulk decoder coupled to the network and a data network interconnect, the bulk decoder configured to receive a signal from the network, the bulk decoder being controlled by the server, the bulk decoder including,

a processor, the processor capable of receiving the signal from the network, the processor further capable of converting the signal into a single protocol format signal when the signal includes intermixed data types; and

at least one device coupled to the network data interconnect, the device configured to accept a decoded signal from the bulk decoder, the decoded signal being transmitted from the bulk decoder via the network data interconnect.

Claim 8 (Previously Presented): The network system of claim 7, wherein the bulk decoder further includes:

at least one decoder for decoding the signal from the network.

Claim 9 (Previously Presented): The network system of claim 8, further comprising:

a demultiplexer coupled between the network and the processor and the at least one decoder for demultiplexing the signal; and

a multiplexer coupled to the processor and the at least one decoder for multiplexing the decoded signal.

Claim 10 (Original): The network system of claim 7, further comprising a plurality of bulk decoders coupled to the network.

Claim 11 (Canceled)

Claim 12 (Canceled)

Claim 13 (Canceled)

Claim 14 (Canceled)

Claim 15 (Canceled)

Claim 16 (Previously Presented): A method for sharing decoding resources in a network system, the method comprising:

transmitting a signal to a network, wherein the signal comprises intermixed data signals;

decoding the signal using a bulk decoder coupled to the network and a network data interconnect, the bulk decoder being capable of decoding the signal into single data type signals having single protocol format signals, wherein decoding the signal includes:

demultiplexing the signal to obtain individual data signals,

decoding the individual data signals, and

multiplexing the decoded individual data signals to obtain a decoded signal;

transmitting the decoded individual data signals to the network data interconnect; and

controlling the bulk decoder using a server coupled to the network.

Claim 17 (Canceled).

Claim 18 (Currently Amended): The method of claim 16, further comprising transmitting the multiplexed decoded individual data signals to corresponding output devices coupled to the network data interconnect.

Claim 19 (Currently Amended): The method of claim 16, further comprising
representing the decoded individual data signals by one protocol.

Claim 20 (Previously Presented): The method of claim 16, further comprising adjusting
the number of bulk decoders coupled to the network in accordance with a system load.

Claim 21 (Canceled)

Claim 22 (Canceled)